# Mineral Consumption of Thailand (Fiscal Year) 2001 - 2005

*Quantity : Tonnes*

*Statistics and Data Group, Bureau of Development and Promotion, DPI&M, 11:01, 16/2/2006*

*Value : Million Baht*

| Mineral | 2001 | | 2002 | | 2003 | | 2004 | | 2005 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value |
| Andesite (industrial rock) | 230,921 | 23.1 | 953,715 | 95.4 | 989,714 | 98.9 | 1,117,794 | 111.8 | 1,289,881 | 128.9 |
| Anhydrite | 1,510 | 0.7 | 1,026 | 0.5 | 1,598 | 0.8 | 1,022 | 0.5 | 1,668 | 0.9 |
| Antimony ore | 1 | 0.0** | - | - | 80 | 1.2 | - | - | 31 | 0.5 |
| Ball clay | 270,192 | 142.2 | 281,997 | 155.1 | 300,614 | 165.3 | 348,459 | 191.7 | 335,733 | 184.7 |
| Barite | | | | | | | | | | |
| - Chemical grade (ground) | - | - | - | - | 1,783 | 11.6 | - | - | - | - |
| - Drilling mud (ground) | 1,300 | 5.2 | 14,350 | 57.4 | 4,785 | 18.9 | - | - | - | - |
| - Unground | 900 | 1.3 | 280 | 0.4 | 12,705 | 18.9 | 5,640 | 8.4 | - | - |
| Basalt (industrial rock) | 4,400,131 | 440.0 | 7,525,042 | 752.5 | 7,770,285 | 777.0 | 8,870,163 | 887.0 | 9,923,575 | 992.4 |
| Bentonite | 1,100 | 0.7 | 1,900 | 1.1 | 600 | 0.4 | 1,200 | 0.7 | 10,500 | 6.3 |
| Calcite | 133,660 | 26.3 | 144,583 | 28.5 | 197,875 | 38.9 | 364,825 | 71.9 | 621,290 | 122.4 |
| Diatomite | 610 | 0.6 | 360 | 0.3 | 788 | 0.7 | 1,232 | 1.1 | 950 | 0.9 |
| Dolomite (unground) | 142,980 | 62.9 | 312,336 | 123.8 | 309,083 | 103.2 | 402,218 | 140.8 | 396,850 | 138.9 |
| Dolomitic limestone (industrial rock) | - | - | - | - | - | - | 80,611 | 5.6 | - | - |
| Feldspar | | | | | | | | | | |
| - Potassium | 4,907 | 8.3 | 7,740 | 13.2 | 8,186 | 13.9 | 4,733 | 8.0 | 7,147 | 12.2 |
| - Potassium (ground) | 4,535 | 10.9 | 2,692 | 6.5 | 25 | 0.1 | - | - | - | - |
| - Sodium | 23,574 | 16.5 | 28,326 | 19.8 | 77,716 | 54.4 | 175,535 | 122.9 | 86,008 | 60.2 |
| - Sodium (ground) | 189,068 | 264.7 | 208,176 | 291.4 | 253,918 | 355.5 | 335,864 | 470.2 | 350,513 | 490.7 |
| Fluorite (metallurgical grade) | 200 | 0.8 | 500 | 2.0 | - | - | 50 | 0.2 | 30 | 0.1 |
| Gem stone (unit : gram) | 207,260 | n.a. | 314,150 | n.a. | 165,390 | n.a. | 178,312 | n.a. | 153,154 | n.a. |
| Glass sand | 451,598 | 158.1 | 579,924 | 203.0 | 1,058,865 | 370.6 | 827,288 | 289.6 | 627,610 | 219.7 |
| Gold ore (unit : gram) | - | - | 834 | 0.4 | 5,274 | 2.5 | 3,748 | 2.0 | 2,058 | 1.1 |
| Granite | | | | | | | | | | |
| - Dimension stone | 12,783* | 57.5 | 8,917* | 40.1 | 9,242* | 41.6 | 9,980* | 46.6 | 10,709* | 50.5 |
| - Industrial rock | 2,103,499 | 210.3 | 3,026,156 | 302.6 | 3,051,054 | 305.1 | 3,792,544 | 379.3 | 4,721,185 | 472.1 |
| Graywacke (industrial rock - others) | - | - | - | - | - | - | 174,778 | 12.2 | 293,063 | 20.5 |
| Gypsum | 1,775,030 | 850.4 | 1,907,048 | 905.1 | 2,015,479 | 962.8 | 2,224,096 | 1,020.7 | 2,483,522 | 1,297.9 |
| Iron ore | - | - | 7,600 | 3.0 | 11,835 | 4.7 | 2,030 | 0.8 | 7,400 | 2.9 |
| Kaolin | | | | | | | | | | |
| - Filler | 15,799 | 30.0 | 5,770 | 11.0 | 650 | 1.2 | - | - | - | - |
| - Unwashed | 111,630 | 43.0 | 126,436 | 48.7 | 239,141 | 92.1 | 392,848 | 151.2 | 479,316 | 184.5 |
| - Washed | 170,453 | 163.6 | 125,962 | 120.9 | 134,975 | 129.6 | 169,733 | 162.9 | 165,419 | 158.8 |
| Lead metal | 2,763 | 35.8 | 2,009 | 26.0 | 1,214 | 15.7 | 535 | 6.9 | 208 | 2.7 |
| Lignite | 18,752,832 | 9,376.4 | 19,904,602 | 9,952.3 | 18,495,785 | 9,247.9 | 19,996,295 | 9,998.2 | 20,652,203 | 10,326.1 |
| Limestone | | | | | | | | | | |
| - Dimension stone | 3,273 | 6.5 | 630 | 1.3 | 480 | 1.0 | 642 | 1.3 | 282 | 0.6 |
| - Industrial rock-construction | 34,317,282 | 2,402.2 | 47,989,034 | 3,359.2 | 62,349,450 | 4,364.5 | 71,222,297 | 4,985.6 | 79,338,905 | 5,553.7 |
| - Industrial rock-cement | 43,156,430 | 3,668.3 | 52,515,948 | 4,463.9 | 46,333,815 | 3,938.4 | 53,073,517 | 4,511.3 | 54,383,489 | 4,622.6 |
| - Industrial rock-others | 1,632,613 | 138.8 | 2,318,671 | 197.1 | 2,185,017 | 185.7 | 1,991,815 | 169.3 | 2,606,947 | 221.6 |
| Manganese (battery grade) | 199 | 0.8 | - | - | - | - | - | - | - | - |
| Marble | | | | | | | | | | |
| - Dimension stone | 23,307* | 81.6 | 17,986* | 63.0 | 20,736* | 72.6 | 19,449* | 69.1 | 20,119* | 71.8 |
| - Fragment | 241,475* | 54.3 | 520,199* | 117.0 | 316,377* | 71.2 | 274,336* | 61.7 | 206,454* | 46.5 |
| Marl | 7,635 | 0.6 | 63,205 | 5.4 | 85,923 | 7.3 | 75,804 | 6.4 | 105,600 | 9.0 |
| Mica | 90 | 0.6 | - | - | - | - | - | - | - | - |
| Perlite (industrial rock) | 8,100 | 5.7 | 5,300 | 3.7 | 8,100 | 5.7 | 8,500 | 6.0 | 12,552 | 8.9 |
| Phosphate | 2,865 | 1.2 | 2,991 | 1.2 | 3,626 | 1.5 | 2,864 | 1.2 | 3,018 | 1.3 |
| Pyrophyllite | 55,585 | 19.5 | 54,407 | 19.0 | 67,638 | 23.7 | 88,649 | 31.0 | 100,627 | 35.2 |
| Quartz | | | | | | | | | | |
| - Unground | 3,678 | 2.8 | 3,187 | 2.4 | 3,732 | 2.8 | 7,026 | 5.3 | 3,288 | 2.5 |
| - Industrial rock | 26,968 | 1.9 | 29,520 | 2.1 | 36,475 | 2.6 | 39,656 | 2.8 | - | - |
| Rhyolite (industrial rock) | 415,698 | 29.1 | 414,277 | 29.0 | 203,285 | 14.2 | 510,434 | 35.7 | 856,062 | 59.9 |
| Rock salt | 880,163 | 440.1 | 806,339 | 403.2 | 971,024 | 485.5 | 932,496 | 466.2 | 1,071,825 | 535.9 |
| Sand | | | | | | | | | | |
| - Stone (dimension stone) | - | - | - | - | - | - | - | - | 1,800 | 1.2 |
| - Stone (industrial rock) | 116,134 | 5.8 | 147,290 | 7.4 | 137,395 | 6.9 | 177,620 | 8.9 | 141,499 | 7.1 |
| Shale (industrial rock-cement) | 2,747,942 | 247.3 | 6,133,284 | 552.0 | 2,832,535 | 254.9 | 3,329,337 | 299.6 | 3,584,527 | 322.6 |
| Talc (unground) | 7,537 | 4.5 | 800 | 0.5 | 3,724 | 2.2 | 12,359 | 7.4 | 10,297 | 6.2 |
| Tin | | | | | | | | | | |
| - Tin metal | 4,257 | 894.1 | 4,614 | 791.8 | 4,688 | 909.0 | 5,735 | 1,804.8 | 4,677 | 1,505.5 |
| - Tin-lead alloy | 431 | n.a. | 462 | n.a. | 487 | n.a. | 631 | n.a. | 688 | n.a. |
| Travertine (dimension stone) | - | - | - | - | 980 | 1.9 | 3,480 | 7.0 | 2,845 | 5.7 |
| Zinc | | | | | | | | | | |
| - Zinc alloy | 17,375 | 943.7 | 22,465 | 1,085.8 | 27,555 | 1,334.7 | 33,181 | 1,734.4 | 26,784 | 1,576.2 |
| - Zinc metal | 51,744 | 2,516.9 | 61,084 | 2,367.7 | 61,996 | 2,372.4 | 65,095 | 2,848.6 | 62,982 | 3,306.8 |
| Zircon | 50 | 0.3 | - | - | - | - | - | - | - | - |
| **Total** | | **23,395.9** | | **26,633.7** | | **26,892.2** | | **31,154.8** | | **32,776.7** |

*:- n.a. = not available :- * = Cubic Meter :- 0.0** = denoting the amount of less than 0.05 million baht*